

2813

PATENT
Docket No.: M4065.0319/P319

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ronald Weimer et al.

Serial No.: 09/296,835

Group Art Unit: 2813

Filed: April 22, 1999

Examiner: Not Yet Assigned

For: FABRICATION OF DRAM AND
OTHER SEMICONDUCTOR
DEVICES WITH AN INSULATING
FILM USING A WET RAPID
THERMAL OXIDATION
PROCESS

Assistant Commissioner for Patents
Washington, D.C. 20231

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POWER OF ATTORNEY BY ASSIGNEE AND
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)

Micron Technology, Inc., Assignee of the entire right, title and interest in the above-identified application by virtue of the Assignment, a copy of which is attached hereto, hereby appoints the attorneys and agents of the firm of Dickstein, Shapiro, Morin & Oshinsky, listed as follows: Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Jeremy A. Cubert, 40,399; Laurence E. Fisher, 37,131; Brian A. Lemm, 43,748; Gianni Minutoli, 41,198; Edwin Oh, P-45,319; Eric Oliver, 35,307; William E. Powell III, 39,803; Paul L. Ratcliffe, 45,290; Mark E. Strickland, 45,138 and Salvatore P. Tamburo, 45,153, and also attorneys of Micron Technology, Inc. as its

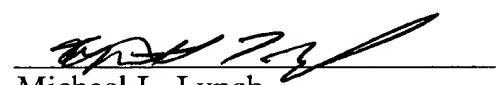
attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

The Assignee certifies that the above-identified assignment has been reviewed and to the best of the Assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico
Dickstein Shapiro Morin & Oshinsky LLP
2101 L Street NW
Telephone: (202) 785-9700
Fax: (202) 887-0689

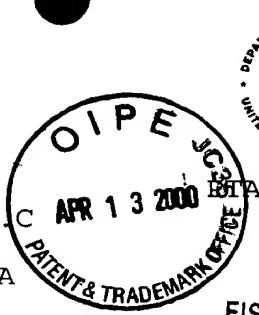
MICRON TECHNOLOGY,
INC.


Michael L. Lynch
Chief Patent Counsel
Registration No. 30,871

Dated: April 11, 2000

AUGUST 12, 1999

FISH & RICHARDSON P.C.
SAMUEL BORODACH
45 ROCKEFELLER PLAZA
NEW YORK, NY 10111



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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/07/1999

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NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WEIMER, RONALD A.

DOC DATE: 04/14/1999

ASSIGNOR:

DEBOER, SCOTT J.

DOC DATE: 04/15/1999

ASSIGNOR:

GEALY, DAN

DOC DATE: 04/15/1999

ASSIGNOR:

AL-SHAREEF, HUSAM N.

DOC DATE: 05/17/1999

ASSIGNEE:

MICRON TECHNOLOGY, INC.
8000 S. FEDERAL WAY
BOISE, IDAHO 83707-0006

SERIAL NUMBER: 09296835

FILING DATE: 04/22/1999
PATENT NUMBER:
ISSUE DATE:

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JUN - 7 1999

Attorney Docket No.: 07653/025001

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| JUN - 7 1999 | |
| NAME AND ADDRESS OF RECEIVING PARTY(IES): | |
| Micron Technology, Inc. | |
| 8000 S. Federal Way | |
| Boise, ID 83707-0006 | |

1. Name of conveying party(ies):
Ronald A. Weimer; Scott J. DeBoer;
Dan Gealy; Husam N. Al-Shareef

Additional name(s) attached? Yes No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Dates: April 14, April 15, April 15 and
May 17, 1999, respectively

4. Application number(s) or patent number(s):

If this document is being filed with a new
application, the execution date of the application is:A. Patent Application No.(s):
09/296,835

B. Patent No.(s):

Additional numbers attached? Yes No5. Name/address of party to whom correspondence
concerning document should be mailed:

Samuel Borodach
Fish & Richardson P.C.
45 Rockefeller Plaza
New York, NY 10111

6. Total number of applications/patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40**
 Enclosed
 Authorized to charge deposit account if there is
a fee deficiency
8. Deposit account number: **06-1050**
If the fee above is being charged to deposit
account, a duplicate copy of this cover sheet is
attached. Please apply any additional charges, or
any credits, to our Deposit Account No. 06-1050.

DO NOT USE THIS SPACE9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct
and the attached is the original document.***Samuel Borodach**

Name of Person Signing

Signature

June 2, 1999

Date

Total number of pages including cover sheet, attachments, and document: **4**

Date of Deposit June 2, 1999
I hereby certify under 37 CFR 1.8(a) that this correspondence is being
deposited with the United States Postal Service as **first class mail**
with sufficient postage on the date indicated above and is addressed to
the Assistant Commissioner for Patents, Washington, D.C. 20231.

Cynthia M. Berce
Cynthia M. Berce

ASSIGNMENT

For valuable consideration, We, **Ronald A. Weimer** of 1696 E. Victory Road, Boise, Idaho 83706, **Scott J. DeBoer** of 259 E. Twin Willow, Boise, Idaho 83706, **Dan Gealy** of 4300 Junayo Ln, Kuna, Idaho 83634 and **Husam N. Al-Shareef** of 2856 W. Cherry Lane, Boise, Idaho 83704 hereby assign to **Micron Technology, Inc.**, a Delaware corporation having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled

**FABRICATION OF DRAM AND OTHER SEMICONDUCTOR DEVICES WITH
AN INSULATING FILM USING A WET RAPID THERMAL OXIDATION PROCESS**

filed on April 22, 1999 and assigned U.S. Serial Number 09/296,835, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Boise ID,
 this 14 day of April, ^{1999 RD} 1998

Ronald A. Weimer

L.S.

Ronald A. Weimer

STATE OF Idaho:

:ss.

COUNTY OF Ada:

Before me this 14th day of April, 1999, personally appeared Ronald A. Weimer, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Trish Homan Haider
Notary Public

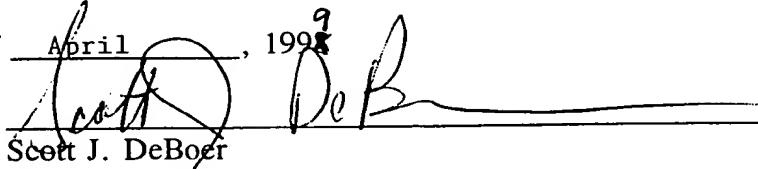
My Commission Expires: 3-26-03



IN WITNESS WHEREOF, I hereto set my hand and seal at Boise, Idaho,

this 15th day of April,

L.S.

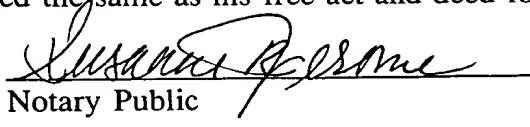

Scott J. DeBoer

STATE OF IDAHO:

:ss.

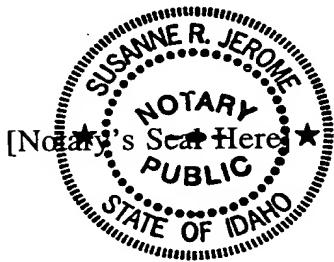
COUNTY OF ADA:

Before me this 15th day of April, 1998, personally appeared Scott J. DeBoer, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Susanne R. Jerome

Notary Public

My Commission Expires: 3/12/2002



IN WITNESS WHEREOF, I hereto set my hand and seal at Boise, Idaho,

this 15th day of April, 1998

L.S.


Dan Gealy

STATE OF IDAHO:

:ss.

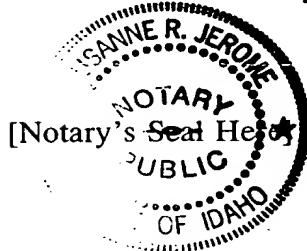
COUNTY OF ADA:

Before me this 15th day of April, 1998, personally appeared Dan Gealy, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Susanne R. Jerome

Notary Public

My Commission Expires: 3/12/2002



ASSIGNMENT

For valuable consideration, I, Husam N. Al-Shareef of Muraijeb, Al-Ain, United Arab Emirates, hereby assign to **Micron Technology, Inc.**, a Delaware corporation having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled

FABRICATION OF DRAM AND OTHER SEMICONDUCTOR DEVICES WITH AN INSULATING FILM USING A WET RAPID THERMAL OXIDATION PROCESS

filed on April 22, 1999 and assigned U.S. Serial Number 09/296,835, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Al-Ain, United Arab Emirates,

this 17 day of May, 1999

Husam AlShareef
Husam N. Al-Shareef

L.S.

Witness: PC

Date: 5-17-99